

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

AQMD Facility ID:	114801	Company Name:	Rhodia, Inc.	
Equipment Location:	20720 S. Wilmington Ave., Carson, CA 90810-1034			SIC Code: 2819
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:		
Application #(s):	497699	Application Submittal Date(s):	April 9, 2009	
AQMD Contact Person:	Stephen Jiang	Phone #:	909/396-3134	E-Mail Address: sjiang@aqmd.gov
Project Description:	This is an existing facility, applying for a renewal to their Title V permit. The facility regenerates sulfuric acid for the refinery alkylation process and manufactures alum to be used as a flocculating agent in the water purification process. This facility operates one sulfuric acid plant and one alum manufacturing system. The PM10 emissions (acid vapor) from the alum reactor are being controlled by a caustic scrubber. The PM10 emissions from dry powder handling operation are being controlled by a bin vent filter. The PM10 (acid vapor) and VOC emissions associated with storage and handling of spent sulfuric acid are being controlled by the furnace of the sulfuric acid plant or a back-up air pollution control system consists of caustic scrubbers followed by a flare.			
Permit Type:	<input type="checkbox"/> Initial Title V Permit <input type="checkbox"/> New Facility <input type="checkbox"/> Administrative Revision <input type="checkbox"/> Minor Revision <input checked="" type="checkbox"/> Permit Renewal <input type="checkbox"/> De Minimis Significant Revision <input type="checkbox"/> Significant Revision			
Permit Features:	<input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other: _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance			
Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year:	<input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> <u>The Following TACs Were Reported:</u> <u>Emissions (lbs/yr):</u> <div style="text-align: center;">For TACs reported see next page</div>			
Health Risk From Toxic Air Contaminants:	<input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input checked="" type="checkbox"/> Final Facility Health Risk Approved (date) <u>2006</u> Cancer Risk = <u>0.11</u> in one million Acute Hazard Index = <u>0.02</u> Chronic Hazard Index = <u>0.05</u>			
Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year:	<input checked="" type="checkbox"/> NOx <u>26.743</u> <input checked="" type="checkbox"/> CO <u>13.985</u> <input checked="" type="checkbox"/> VOC <u>0.045</u>	<input checked="" type="checkbox"/> PM <u>5.507</u> <input checked="" type="checkbox"/> SOx <u>253.192</u> <input type="checkbox"/> Other: _____		
Compliance History:	<input type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years <u>(0)</u> <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years <u>(1)</u> <input type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years <u>(0)</u>			
Comments:				

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Title V Permit Summary

Toxic Air Contaminants Emissions (TAC)
Annual Reported Emissions for Reporting Period 2009

The Following TACs Were Reported	Emissions (lbs/yr)
1,3-Butadiene	0.004
Ammonia	259.078
Arsenic	< 0.001
Benzene	0.088
Cadmium	< 0.001
Chromium (VI)	< 0.001
Formaldehyde	0.213
Lead (inorganic)	< 0.001
Naphthalene	0.004
Nickel	< 0.001
PAHs, total, with components not reported	0.002